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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/036,377	01/07/2002	Sung Bong You	P-0282	5561
34610	7590	03/01/2005	EXAMINER	
FLESHNER & KIM, LLP P.O. BOX 221200 CHANTILLY, VA 20153			TRAN, TAM D	
			ART UNIT	PAPER NUMBER
			2676	

DATE MAILED: 03/01/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/036,377

Applicant(s)

YOU, SUNG BONG

Examiner

Tam D Tran

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 03 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 28 October 2004.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-40 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-40 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 10-16, 17-22, 25-28 and 31-34 are rejected under 35 U.S.C. 102(b) as being anticipated by Fushimoto et al. (5742505), hereinafter simply Fushimoto.

2. In regard to claims 10, 19, 25, 27, 31, 33, Fushimoto teaches a method and apparatus of selecting special characters in a mobile communication terminal, see abstract, comprising: storing a set of European alphabet letters in a memory (ROM); see col.5 lines 40-55; inputting an alphabet letter to be converted to a European alphabet letter (English to French dictionary which converts English to French); see col.5 lines 45-50; determining whether a mode conversion key has been activated (key being assigned for executing translation function); see col.11 lines 30-50; displaying a plurality of European alphabet letters corresponding to the inputted alphabet letter on a pop-up window when it is determined that the mode conversion key has been activated, See Fig.21A, 21B, wherein the European alphabet letters are read from the memory; see col.12 lines 35-55; and selecting a desired one of the displayed European alphabet letters (the special character of French can be enter by pressing the transparent keyboard). See col.14 lines 15-23.

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3. In regard to claims 11, Fushimoto teaches a method and apparatus of selecting special characters in a mobile communication terminal, further comprising checking whether the editing mode has been selected (operator can arbitrarily select the languages). See col.13 lines 25-30.

4. In regard to claims 20, Fushimoto teaches a method and apparatus of selecting special characters in a mobile communication terminal, further comprising wherein the European alphabet letter set includes a plurality of European alphabet letters divided into a Capital letter group and a small letter group. See Fig.21A, 21B.

5. In regard to claims 12, Fushimoto teaches a method and apparatus of selecting special characters in a mobile communication terminal, further comprising displaying a mode conversion key and a save key (enter key) in the editing mode. See Fig.4, col.5 lines 20-25.

6. In regard to claims 13, Fushimoto teaches a method and apparatus of selecting special characters in a mobile communication terminal, wherein the displayed European alphabet letters appear in a pop-up window. See Fig.21A, 21B.

7. In regard to claims 14, Fushimoto teaches a method and apparatus of selecting special characters in a mobile communication terminal, further comprising displaying a mode conversion key and a cancel key (power on/off key) in the editing mode when the pop-up window is displayed. See col.11 lines 32-45.

8. In regard to claims 15, Fushimoto teaches a method and apparatus of selecting special characters in a mobile communication terminal, wherein the pop-up window

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disappears when either the mode conversion key or the cancel key is pressed. See col.11 paragraph 32-45.

9. In regard to claims 18, 21, 26, 28, 32, 34, Fushimoto teaches a method and apparatus of selecting special characters in a mobile communication terminal, wherein the step of displaying a plurality of European alphabet letters, comprises: judging whether the inputted alphabet letter is changeable into a European alphabet letter; and displaying a plurality of European alphabet letters corresponding to the inputted alphabet letter if the inputted alphabet is changeable into a European alphabet letter (English to French dictionary which converts English to French including the function for changing English letters to European letters). See col.5 lines 45-50.

Claim Rejections - 35 USC § 103

10. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 16, 17, 22, are rejected under 35 U. S.C. 103(a) as being unpatentable over Fushimoto et al. (USPN 5742505) in view of Wilson et al (USPN 5467170), hereinafter simply Fushimoto and Wilson.

11. In regard to claims 16, 17, 22, Fushimoto teaches a method and apparatus of selecting special characters in a mobile communication terminal, see abstract,

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comprising: storing a set of European alphabet letters in a memory (ROM); see col.5 lines 40-55; inputting an alphabet letter to be converted to a European alphabet letter (English to French dictionary which converts English to French); see col.5 lines 45-50; determining whether a mode conversion key has been activated (key being assigned for executing translation function); see col.11 lines 30-50; displaying a plurality of European alphabet letters corresponding to the inputted alphabet letter on a pop-up window when it is determined that the mode conversion key has been activated, See Fig.21A. 21B, wherein the European alphabet letters are read from the memory; see col.12 lines 35-55; and selecting a desired one of the displayed European alphabet letters (the special character of French can be enter by pressing the transparent keyboard). See col.14 lines 15-23. Fushimoto does not teaches selecting one of the European alphabet letters using a numeral key on the keypad. However, Wilson teaches selecting one of the European alphabet letters using a numeral key on the keypad. See col.6 lines 29-39. It would have been obvious to a person of ordinary skill in the art at the time of the invention to incorporate the method of selecting alphabet letter of Wilson into the electronic translator of Fushimoto because the combination of Wilson's method and Fushimoto's translator would provide a mechanism for entry punctuation, and other special characters using ten numeric keys of the keypad.

Claim Rejections - 35 USC § 102

12. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

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A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-9, 23, 24, 29, 30, 35-40, are rejected under 35 U.S.C. 102(b) as being anticipated by Wilson et al. (5467170), hereinafter simply Wilson.

13. In regard to claims 1, 23, 29, 35, 37, 39, Wilson teaches a method and apparatus of selecting special characters in a mobile communication terminal (selecting special character using telephone keypad), see col.1 lines 40-43, comprising: inputting an alphabet letters in an editing mode via a keypad; see col.1 lines 35-45; displaying a plurality of European alphabet letters, including special characters not used in the English alphabet, corresponding to the inputted alphabet letter (table 202 displays a set of alpha-numeric characters and symbols), see col.5 lines 60-65, wherein a series of numbers are associated respectively with each of the European alphabet letters; and selecting one of the European alphabet letters using a numeral key on the keypad (selecting the alphabet letters from the display using each key of the keypad which associates with the row and column of the alphabet letters). See col.6 lines 29-39.

14. In regard to claims 2, Wilson teaches a method and apparatus of selecting special characters in a mobile communication terminal, further comprising checking whether the editing mode has been selected (select button). See col.6 paragraph 29-39.

15. In regard to claim 3, Wilson teaches a method and apparatus of selecting special characters in a mobile communication terminal, further comprising storing a set of European alphabet letter in a memory (JSU display from a stored program); see col.5 lines 5-10.

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16. In regard to claims 4, Wilson teaches a method and apparatus of selecting special characters in a mobile communication terminal, further comprising wherein the European alphabet letter set includes a plurality of European alphabet letters divided into a Capital letter group and a small letter group. See Fig.12.

17. In regard to claims 5, Wilson teaches a method and apparatus of selecting special characters in a mobile communication terminal, further comprising displaying a mode conversion key and a save key (DONE/EXIT key) in the editing mode. See Fig.12.

18. In regard to claims 6, Wilson teaches a method and apparatus of selecting special characters in a mobile communication terminal, wherein the displayed European alphabet letters appear in a pop-up window. See Fig.12.

19. In regard to claims 7, Wilson teaches a method and apparatus of selecting special characters in a mobile communication terminal, further comprising displaying a mode conversion key and a cancel key in the editing mode when the pop-up window is displayed. See Fig.12.

20. In regard to claims 8, Wilson teaches a method and apparatus of selecting special characters in a mobile communication terminal, wherein the pop-up window disappears when either the mode conversion key or the cancel key is pressed. See col.6 lines 19-22.

21. In regard to claims 9, 24,30, 36, 38, 40, Wilson teaches a method and apparatus of selecting special characters in a mobile communication terminal, wherein the step of displaying a plurality of European alphabet letters, comprises: judging whether the

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inputted alphabet letter is changeable into a European alphabet letter; and displaying a plurality of European alphabet letters corresponding to the inputted alphabet letter if the inputted alphabet is changeable into a European alphabet letter. See. Fig.12.

Continued Examination Under 37 CFR 1.114

22. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 07/01/04 has been entered.

23. In performing further search, Examiner has found two new references for writing a non-final rejection rejecting claims 1-40.

Conclusion

24. Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Tam D. Tran** whose telephone number is **703-305-4196**. The examiner can normally be reached on MON-FRI from 8:30 – 5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, **Matthew Bella** can be reached on **703-308-6829**.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

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Washington, D.C. 20231

or faxed to:

(703) 872-9314 (for Technology Center 2600 only)

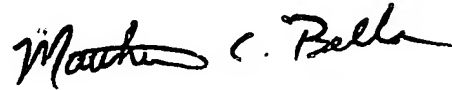
Hand-delivered response should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA, Sixth floor (Receptionist).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology Center 2600 Customer Service Office whose telephone number is (703) 306-0377.

Tam Tran

TT
Examiner

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MATTHEW C. BELLA
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600